



thread and (halt or suspen) and resum and application and event



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Articles

Did you mean: thread and (halt or **suspend**) and **resume** and application and event

Legal documents

System and method for controlling **thread suspension** in a multithreaded processor

K Aingaran, JP Laudon - US Patent App. 11/095,840, 2005 - Google Patents

... 22, 2006 (54) SYSTEM AND METHOD FOR CONTROLLING **THREAD SUSPENSION** IN A MULTITHREADED ... ON BEGIN INITIALIZING MULTI-**THREAD** PROCESSOR SELECT FIRST **THREAD** FOR PROCESSING RECEIVE INSTRUCTION **HALT** AT LEAST ...

Cited by 13 Related articles All 2 versions Import into BibTeX

Any time

Since 2012

Since 2011

Since 2008

Custom range...

Multithreading in C++

J English - Acm sigplan notices, 1996 - dl.acm.org

... will be a delay of up to one second before it responds to a call to **halt**), so it ... indefinite **suspension** of the c-dling **thread**, which relies on some other **thread** to call **resume**; some mechanism for specifying a maximum time limit for any such **thread suspension** would be ...

Cited by 8 Related articles BL Direct All 2 versions Import into BibTeX

Sort by relevance

Sort by date

☒ include patents

☒ include citations

Method and apparatus for managing **thread** execution in a multithread **application**

ES Bender, OKK Yee - US Patent 7,216,346, 2007 - Google Patents

... and comprising the steps of: 6 responsive to receiving a request from one of the multiple **threads** to **suspend** execution of the target **thread**, sending an external interrupt to the signal interrupt logic of the target **thread** to cause the signal interrupt logic to **halt** the normally ...

Cited by 5 Related articles All 4 versions Import into BibTeX

Create alert

Computer activity monitor providing idle **thread** and other **event** sensitive clock and power control

HTS Fung - US Patent 5,892,959, 1999 - Google Patents

Cited by 54 Related articles All 2 versions Import into BibTeX

Coherency techniques for suspending execution of a **thread** until a specified memory access

OCCURS

DL Hill, DT Marr, D Rodgers, S Kaushik... - US Patent ..., 2006 - Google Patents

... BUS TRANSACTION EXAMINE CYCLE TYPE AND ADDRESSES AFFECTED WRITE TO MONITOR ADDRESS SET MONITOR **EVENT** PENDING INDICATOR r20 **HALT** MONITOR 730 ...

If a match occurs, a **resume thread** signal is generated to re-start a **suspended thread**. ...

Cited by 21 Related articles All 4 versions Import into BibTeX

A **thread**-aware debugger with an open interface

[PDF] from psu.edu

D Schulz, F Mueller - ACM SIGSOFT Software Engineering Notes, 2000 - dl.acm.org

... It may, however, be desirable to forcibly **suspend** or **resume** the execution of selected **threads** ...

Scheduling breakpoints **halt** the **application** upon a con- text switch and serve as a means ...

providing a flexible platform for both the debugger and a variety of **thread** implementations to ...

Cited by 12 Related articles BL Direct All 18 versions Import into BibTeX

instruction sequences for suspending execution of a **thread** until a specified memory access

OCCURS

S Kaushik, JB Crossland, DT Marr... - US Patent App. 10/ ..., 2001 - Google Patents

... 1 505 RECEIVE MEMORY WAIT OPCODE IN **THREAD 1** (UNMASK MONITOR BREAK **EVENTS**)
SUSPEND FURTHER T1 ... WRITE TO MONITOR ADDRESS SET MONITOR **EVENT** PENDING
INDICATOR T **HALT** MONITOR ,720 ... CONTINUE **THREAD** K922 EXECUTION FIG. ...

Cited by 9 Related articles All 2 versions Import into BibTeX

Controlled scheduling of program **threads** in a multitasking operating system

JA Farrell, SE Record, BK Wade - US Patent 5,530,128, 1997 - Google Patents

... for execution by a processor. The highest priority **thread** on the run list is executed
first An **application** program **thread** can change the dispatch class in which another
program **thread** resides. An executing program **thread** can ...

Cited by 82 Related articles All 2 versions Import into BibTeX

Preemptive and non pre-emptive scheduling and executing of program **threads** in a multitasking operating system.

JA Farrell, SE Record, BK Wade - EP Patent 0,527,392, 1993 - freepatentsonline.com

... resource to become available or some other **event** to occur. A **thread** can also
be "**suspended**" by itself or another **thread** to **halt** or prevent execution of the
thread. The **thread** which is the target of the **suspension** can ...

Cited by 12 Related articles Cached Import into BibTeX

Method and apparatus for suspending execution of a **thread** until a specified memory access occurs

D Rodgers, DT Marr, DL Hill, S Kaushik... - US Patent ..., 2006 - Google Patents

... WAIT OPCODE IN **THREAD 1** (UNMASK MONITOR BREAK **EVENTS**) **SUSPEND** FURTHER
T1 ... WRITE TO MONITOR ADDRESS SET MONITOR **EVENT** PENDING INDICATOR **HALT**
MONITOR 720 ... AND APPARATUS FOR SUSPENDING EXECUTION OF A **THREAD** UNTIL A ...

Cited by 4 Related articles All 4 versions Import into BibTeX

Method and apparatus for suspending execution of a **thread** until a specified memory access occurs

D Rodgers, DT Marr, DL Hill, S Kaushik... - US Patent App. 11/ ..., 2007 - Google Patents

... RECEIVE MEMORY WAIT OPCODE IN **THREAD 1** (UNMASK MONITOR BREAK **EVENTS**)
SUSPEND FURTHER T1 ... AFFECTED WRITE TO MONITOR ADDRESS SET MONITOR **EVENT**
PENDING INDICATOR **HALT** MONITOR 720 ... 9B CONTINUE **THREAD** EXECUTION 952 ...

Cited by 1 Related articles All 2 versions Import into BibTeX

Controlled scheduling of program **threads** in a multitasking operating system.

JA Farrell, SE Record, BK Wade - EP Patent 0,527,301, 1993 - freepatentsonline.com

... resource to become available or some other **event** to occur. A **thread** can also
be "**suspended**" by itself or another **thread** to **halt** or prevent execution of the
thread. The **thread** which is the target of the **suspension** can ...

Cited by 3 Related articles Cached Import into BibTeX

Preemptive and non-preemptive scheduling and execution of program **threads** in a multitasking operating system

JA Farrell, SE Record, BK Wade - US Patent 5,247,675, 1993 - Google Patents

... The **application** programs specify the **thread's** parameters based on the following principles of
the operating system. The operating system queues the highest priority **thread** available for
execution from each dispatch class onto a run list for execution by a processor. ...

Cited by 83 Related articles All 2 versions Import into BibTeX

A java based architecture of p2p-grid middleware

[PDF] from arxiv.org

S Hudzia, TN Ellani, L McDermott, T Kechadi - Arxiv preprint cs/0608113, 2006 - arxiv.org

... An example of such an Entity could be an **application** that receives raw information from ... State

Capture: After the execution of all the Entity **threads** has been **halted**, execution state ... Why are **thread.stop**, **thread.suspend**, **thread.resume** and `runtime.runFinalizersOnExit` deprecated? ...

Cited by 5 Related articles All 7 versions Import into BibTeX

[PDF] DRAFT of October 4th 1999

[PDF] from sun.com

M Jordan, M Atkinson - research.sun.com

... If and when the **suspended** computation is resumed, the **thread** that invoked the **suspend** method will **resume** at the statement following the call to **suspend**. 11.7.3 public void **halt**(int rc) This causes the OPJ Virtual Machine process to terminate immediately, without ...

Related articles View as HTML All 10 versions Import into BibTeX

Options automated trading system (OATS) and method of options trading

W Rutman - US Patent App. 10/192,852, 2002 - Google Patents

... 100 supports a completely mouse-less mode of operation wherein the trader can execute operations (such as, without limitation, **Resume** and **Suspend**, described in detail ... The MARKET-STATUS has the values which comprise at least {OPEN, CLOSE, **HALT**, **RESUME**}. ...

Cited by 14 Related articles All 2 versions Import into BibTeX

Event-based debugging of object/action programs

CC Lin, RJ LeBlanc - ACM SIGPLAN Notices, 1988 - dl.acm.org

... Therefore, an object at any point in time may have several **threads** of control executing ... The user can browse from one component to another while the execution is **halted**. ... in the interactive debugging mode are: the reproduction of an execution and the **suspension** of execution. ...

Cited by 28 Related articles All 2 versions Import into BibTeX

On the design of a pervasive debugger

[PDF] from psu.edu

A Ho, S Hand - Proceedings of the sixth international symposium on ..., 2005 - dl.acm.org

... dependent on the combined state of both processes can be placed—for example to **halt** when the ... 3.3.1 Creation The debug target may attempt to create a new sibling **thread** or process. ... Since the debugger has access to the environment around a task, it can **suspend** or **resume** ...

Cited by 9 Related articles All 4 versions Import into BibTeX

Debugger **thread** synchronization control points

CL Bates, JM Ryan - US Patent 6,878,124, 2002 - Google Patents

... Break points are intended to **halt** execution completely, although break points may be conditionally ... The **threads** are **suspended** and released selectively by the break point manager 30 ... 1. Specifically, **thread** synchronizing capability is illustrated in block diagram form, with the ...

Cited by 47 Related articles All 2 versions Import into BibTeX

Transparent Migration of multi-threaded applications on a java based grid

[PDF] from arxiv.org

TN Eliahi, B Hudzia, L McDermott, T Kechadi - Arxiv preprint cs/0608116, 2006 - arxiv.org

... Sun Microsystems has deprecated[22] **Thread.suspend()** and programmers Page 5. ... Execution checkpoints discussed in the previous section are used to **halt** the execution of the entity. The export method calls **suspend()** method on the associated Execution class. ...

Cited by 9 Related articles All 8 versions Import into BibTeX

Behavioral modular description of fault tolerant distributed systems with AADL Behavioral Annex

[PDF] from telecom-paristech.fr

G Lasnier, T Robert, L Pautet... - New Technologies of ..., 2010 - ieeeexplore.ieee.org

... Complete state represents a **suspend/re-**sume state out of which **threads** and devices ... state before initialization actions; one or more complete state representing **halt/resume** state; zero or ... execution state and one final state representing finalization completed by **thread** or device ...

Related articles All 2 versions Import into BibTeX

[PDF] ASAAC Modelling with AADL

[PDF] from aadl.info

A Windisch, M Fischer, S Förster - AADL Standardization Meeting, ..., 2004 - aadl.info

... **thread exit**(Mode) **thread halted** **thread exit**(Mode) **thread enter**(Mode) ... performing **thread**

initialization **suspended** awaiting mode ? ... Initial startup of Generic System Manager (GSM) •

Dynamic creation of processes, **threads**, and VCs • Synchronised start of overall system CM ...

Cited by 2 Related articles View as HTML All 6 versions Import into BibTeX

Computer system having **suspend once resume many sessions**

DT Crump, ST Parcoast - US Patent 5,715,464, 1998 - Google Patents

Cited by 60 Related articles All 2 versions Import into BibTeX

Multi-threaded break-point

CL Bates, PR Day - US Patent 6,681,384, 2004 - Google Patents

... 20,2004 Sheet 4 of 16 US 6,681,384 B1 Multi-threaded Condition 350 355 <> 357 ^+0*) **Halt** at statement (^) Address Compare o ... »rQ Which **threads**: | (Cancel *) ^ OK ... **event** L-^902 step flag > * step Set sync 1 flag r Set Set step flag 999 * *(Return **Suspend threads** waiting on ...

Cited by 33 Related articles All 2 versions Import into BibTeX

[PDF] Migration Strategies for **Application** streaming

[PDF] from vub.ac.be

L Stoops, I Mens, C Devalez, T D'Hondt - 2003 - soft.vub.ac.be

... beyond strong migration [Fuggetta&al1998] since the evaluation1 of the **application** will never be **halted**. ... the **thread** is resumed at the execution point where it was **suspended** before sending ... there are 300 elements available in the SharedQueue it migrates the calculating **thread**. ...

Cited by 1 Related articles View as HTML All 7 versions Import into BibTeX

Gemini Lite: a non-intrusive debugger for Windows NT

[PDF] from usenix.org

RS Wallach - 4th USENIX Windows Systems Symposium, Seattle, ..., 2000 - usenix.org

... would be woken up, and it would decide whether to keep the process **halted** or restart it ... In Gemini Lite, the **thread** decides itself whether it should be **suspended**, and it suspends itself. ... In the Win32 case, the **thread** resumes where it was stopped by the system, in the **application** ...

Cited by 1 Related articles All 14 versions Import into BibTeX

Method and system to provide user-level multithreading

ET Grochowski, H Wang, JP Shen... - US Patent App. 10/ ..., 2004 - Google Patents

... to the present tech- niques comprises receiving programming instructions to execute one or more shared resource **threads** (shreds) via ... 720 Execute shred 721 Write shred execution results to shared registers 722 700 Execute **halt** shred 723 r ... Patent **Application** Publication Oct. ...

Cited by 9 Related articles All 2 versions Import into BibTeX

A transparent checkpoint facility on NT

[PDF] from usenix.net

J Srouji, P Schuster, M Bach, Y Kuzmin - ... of the 2nd USENIX Windows NT ..., 1998 - usenix.org

... development of a facility for process migration, whereby processes can be **halted** on one ... The checkpoint **thread** then resumes all **suspended threads** simultaneously before putting itself into a blocking ... For each wrapped API we save the call parameters, **thread** ID and any call ...

Cited by 31 Related articles All 13 versions Import into BibTeX

4th USENIX Windows Systems Symposium Paper 2000 [Technical Index]

[HTML] from usenix.org

RS Wallach - usenix.org

... would be woken up, and it would decide whether to keep the process **halted** or restart it ... In Gemini Lite, the **thread** decides itself whether it should be **suspended**, and it suspends itself. ... In the Win32 case, the **thread** resumes where it was stopped by the system, in the **application** ...

Related articles All 3 versions Import into BibTeX

Queued locks using monitor-memory wait

P Hammarlund, JB Crossland, A Aggarwal... - US Patent ..., 2008 - Google Patents

... 505 ^00 RECEIVE MEMORY WAIT OPCODE IN **THREAD** 1 (UNMASK MONITOR BREAK **EVENTS**) **SUSPEND** FURTHER T1 ... 6) **RESUME/CONTINUE THREAD** 1 510 ... READ WRITE TO MONITOR ADDRESS SET MONITOR **EVENT** PENDING INDICATOR **HALT** MONITOR 730 ...

Cited by 4 Related articles All 4 versions Import into BibTeX

[CITATION] Realtime OS TR90 Based on Micro-ITRON Specification

K Yamada, S Takemashi, Y Okada... - TRON project 1990: open- ..., 1990 - Springer

Cited by 1 Related articles All 2 versions Import into BibTeX

Method and apparatus for suspend/resume operation in a computer

DT Crump, ST Pancoast... - EP Patent 0,749,063, 1996 - freepatentsonline.com

... the code follows a path from 750 through 792, where the code merges with the common **thread** of tasks 730 ... clock, enables APM CPU Idle calls so that CPU Idle calls from the APM driver **halt** the CPU ... If so, most of the **Suspend** Routine is executed, at 1144, so that the state of the ...

Cited by 4 Related articles Cached Import into BibTeX

Debugger probe for object oriented programming

DH Evans, CJ Gay, AP Scherk - US Patent 6,826,746, 2004 - Google Patents

... to the getSystemClassLoader method returns returns VirtualMachine object list of **threads** classesByName 45 ... 41 ICAT2 probe **SUSPEND**.ALL SUSPEND__ALL JPDA VirtualMachine 45 object 40 f returns ... by con- trolling the probe to manipulate the target **application** through the ...

Cited by 9 Related articles All 4 versions Import into BibTeX

Emulation **suspension** mode handling multiple stops and starts

GL Swoboda, DR Mail - US Patent 6,564,339, 2003 - Google Patents

... count to maintain correspondence between test host software and multiple debug/interrupt **events**. ...

US 6,564,339 B1 EMULATION **SUSPENSION** MODE HANDLING MULTIPLE ... AND STARTS

CROSS REFERENCE TO RELATED APPLICATIONS This **application** claims priority ...

Cited by 18 Related articles All 2 versions Import into BibTeX

Architectural and behavioral modeling with aadl for fault tolerant embedded systems

[PDF] from telecom-paristech.fr

G Lasnier, T Robert, L Paulet... - ... /Service-Oriented Real- ..., 2010 - ieeeexplore.ieee.org

... Complete state represents a **suspend/re-**sume state out of which **threads** and devices ... 2) **Thread** and Device Behavior Specifications: The behav- ior automaton of **thread** or device ... state before initialization actions; one or more complete state representing **halt/resume** state; zero ...

Cited by 1 Related articles All 6 versions Import into BibTeX

Opportunistic Multitasking

M Van Milligan, TB Ouffy, E Alber... - US Patent App. 12/ ..., 2010 - Google Patents

... 13, 2011 Sheet 1 of 6 US 2011/0249668 A1 PROCESSOR **THREAD** SCHEDULING STRUCTURE
REAL—TIME BAN D ... APP —> BG 315 SECOND APP —> 320 CV PAUS RE COMMAND FOR
AUDIO APP jll 325 AUDIO APP —> **SUSPENDED** 330 **RESUME** COMMAND? ...

All 2 versions Import into BibTeX

An eclipse-based tool for symbolic debugging of distributed object systems

[PDF] from psu.edu

G Mega, E Kon - Proceedings of the 2007 OTM Confederated ..., 2007 - dl.acm.org

... 7], interactive debuggers by nature, and their ability to operate (eg, view, **suspend**, step, **resume** ...

Server Receive notifications A B distributed **thread** Debug probe (local agent) **application** process ...

in (1). Alternative (2) is accomplished by having the debug probes **halt** the execu ...

Cited by 6 Related articles BL Direct All 10 versions Import into BibTeX

Delivering data processing requests to a **suspended** operating system

SC Wait, CB Dornan, L Orion, N Chaussade... - US Patent ..., 2008 - Google Patents

... 29, 2008 (54) DELIVERING DATA PROCESSING REQUESTS TO A **SUSPENDED** OPERATING
SYSTEM (75) Inventors ... 261 (58) Field of Classification Search 710/260-269 See **application** file
for ... NON SECURE **THREAD** 1 USER MODE © SMI END OF **THREAD** IRQ HANDLER ...

Cited by 3 Related articles All 4 versions Import into BibTeX

Method and platform for interfacing between **application** programs performing telecommunications functions and an operating system

MV Shah, DW McDaniel, JR Vatteroni... - US Patent ..., 2001 - Google Patents

Cited by 83 Related articles All 2 versions Import into BibTeX

Emulation **suspension** mode with stop mode extension

GL Swoboda, DR Matt - US Patent 6,567,933, 2003 - Google Patents

... INTERRUPTS AFTER EXECUTING ONE INSTRUCTION 310b- DEBUGGER ■ COMMAND
DEBUGGER COMMAND, DEBUG-**HALT** STATE CAN ... US 6,517,933 B1 EMULATION

SUSPENSION MODE WITH STOP MODE EXTENSION This **application** claims priority ...

Cited by 15 Related articles All 2 versions Import into BibTeX

Emulation **suspension** mode with frame controlled resource access

GL Swoboda, DR Matt - US Patent 6,557,116, 2003 - Google Patents

... This **application** is related to co-assigned **application** S.No. ... for debug **events** is connected to the
test port circuitry, operable to cause the processor to enter a debug **suspend** state in response
to a debug **event** and to leave the debug **suspend** state to **resume** 55 execution ...

Cited by 10 Related articles All 2 versions Import into BibTeX

Facilitating efficient synchronization of asymmetric **threads** on hyper-threaded processors

[PDF] from sotirp.gr

N Anastopoulos, N Koziris - Parallel and Distributed ..., 2008 - IEEE Xplore

... In this way, the waiting **thread** puts its processor into a **suspended** state, offering all of its resources
for exclusive use by the peer **thread**. ... To be able to use the privileged instruction **HALT** and send
IPIs from userspace, we extended the Linux kernel with appropriate ...

Cited by 6 Related articles All 21 versions Import into BibTeX

[CITATION] **Event**-based Debugging of Object/Action Programs Chu-Chung Lin AT&T Bell Laboratories and

RJ LeBlanc - ... of the ACM SIGPLAN and SIGOPS ..., 1988 - Association for Computing ...

Related articles All 2 versions Import into BibTeX

Dynamic analysis of java applications for multithreaded antipatterns

[PDF] from uwu.ca

S Boroday, A Petrenko, J Singh, H Hallal - ACM SIGSOFT Software ..., 2005 - dl.acm.org

... the most commonly used are the following: • start() and join() methods allow one to fork a **thread**
and **suspend** a **thread** ... or mutex); • wait() and notify()/notifyAll() methods are used inside of
synchronized blocks or methods to temporarily **halt** or **resume thread** execution, giving ...

Cited by 15 Related articles All 10 versions Import into BibTeX

[PDF] A multithreading platform for multimedia applications

[PDF] from uni-kl.de

R Kosier, T Kramp - Proceedings of Multimedia ..., 2001 - www.gis.informatik.uni-kl.de

... With a plain user-level **thread** package these operations would **halt** the entire **application** ... To
suspend and **resume** u-**threads**, the **thread** package uses setjmp and longjmp ... scheduling another
kernel **thread** from a pool, performing the upcall, and scheduling another **thread** in Cool ...

Cited by 4 Related articles View as HTML BL Direct All 10 versions Import into BibTeX

Opportunistic Multitasking

L Ballard, DW Goodwin, J Sokol Jr... - US Patent App. 12/ ..., 2010 - Google Patents

... 13, 2011 Sheet 1 of 6 US 2011/0252429 A1 PROCESSOR **THREAD** SCHEDULING STRUCTURE
REAL-TIME BAND ... APP → BG 315 SECOND APP → 320 RCV PAUSE COMMAND FOR AUDIO
APP 325 AUDIO APP → **SUSPENDED** 330 **RESUME** COMMAND? ...

All 2 versions Import into BibTeX

Opportunistic Multitasking

GR Chapman, R Schreyer, TB Duffy - US Patent App. 12/669,553, 2010 - Google Patents

... 13, 2011 Sheet 1 of 6 US 2011/0252430 A1 PROCESSOR **THREAD** SCHEDULING STRUCTURE
REAL-TIME BAND ... APP → BG 315 SECOND APP → 320 CV PAUSE COMMAND FOR
AUDIO APP 325 AUDIO APP → **SUSPENDED** 330 **RESUME** COMMAND? ...

All 2 versions Import into BibTeX

Queued locks using monitor-memory wait

P Hammarlund, JB Crossland, A Aggarwal... - US Patent ..., 2007 - Google Patents

... IN **THREAD** 1 (UNMASK MONITOR BREAK **EVENTS**) 515 **SUSPEND** FURTHER T1 ... FLUSH PIPELINE p RE-PARTITION RESOURCES ^560 **RESUME/CONTINUE THREAD** 1 ^565 ... TO MONITOR ADDRESS SET MONITOR **EVENT** PENDING INDICATOR **HALT** MONITOR 720 ...

Cited by 6 Related articles All 4 versions Import into BibTeX

Opportunistic Multitasking

C Rother, G Novick, HG Mason... - US Patent App. 12/ ..., 2010 - Google Patents

... 13, 2011 Sheet 1 of 6 US 2011/0252422 A1 PROCESSOR **THREAD** SCHEDULING STRUCTURE REAL-TIME BAND ... APP → BG 315 SECOND APP → 320 RCV PAUSE COMMAND FOR AUDIO APP g|| 325 AUDIO APP → **SUSPENDED** 330 **RESUME** COMMAND? ...

All 2 versions Import into BibTeX

Method to segregate suspicious threads in a hosted environment to prevent CPU resource exhaustion from hung threads

N Cheaz - US Patent 7,530,072, 2009 - Google Patents

... 26 28- 30- 32- EXECUTE DETERMINED NUMBER OF INSTRUCTIONS **SUSPEND** EXECUTION OF ... **threads** entering the **thread** quarantine manager 64 are immediately **halted** and their ... which illustrates a process via which suspicious **threads** in the **thread** quarantine manager ...

Cited by 3 Related articles All 2 versions Import into BibTeX

INTEGRATED MECHANISM FOR SUSPENSION AND DEALLOCATION OF COMPUTATIONAL THREADS OF EXECUTION IN A PROCESSOR

K Kissel - EP Patent 1,660,993, 2008 - freepatentsonline.com

... operand is a second predetermined value, said yield instruction instructs the microprocessor core to unconditionally **resume** issuing instructions ... in the qualifier mask of GPR rs is set (step 3208), the **thread** is **suspended** until at ... This is independent of any per-thread **halted** state. ...

Related articles Cached Import into BibTeX

MIPS MT: A multithreaded RISC architecture for embedded real-time processing

KD Kissel - Proceedings of the 3rd international conference on ..., 2008 - dl.acm.org

... The ability to **suspend** execution based on a particular yield qualifier can be controlled by the operating system, using a ... Move From **Thread** Register) and MTTR (Move To **Thread** Register) instructions, which allow a privileged **thread** running on one TC to **halt** another TC ...

Cited by 17 Related articles BL Direct All 3 versions Import into BibTeX

Opportunistic Multitasking

GJ Freedman, J Iarocci, D Litzinger... - US Patent App. 12/ ..., 2010 - Google Patents

... 13, 2011 Sheet 1 of 6 US 2011/0252423 A1 PROCESSOR **THREAD** SCHEDULING STRUCTURE REAL-TIME BAND FOREGROUND ... 315 SECOND APP → 320 RCV PAUSE COMMAND FOR AUDIO APP g|| 325 AUDIO APP → **SUSPENDED** 330 **RESUME** COMMAND ...

All 2 versions Import into BibTeX

Multithreading

M MacDonald - Pro Silverlight 3 in VS, 2009 - Springer

... to perform some work, and then it freezes the **thread** in a state of **suspended** animation ... Remember, Silverlight **threads** can't be **halted** with the Abort() method, so you have no choice but to ... This **event** fires on the dispatcher **thread**, which allows you to access shared data and your ...

All 2 versions Import into BibTeX

[PDF] On hybrid hw/sw components for embedded system design

[PDF] from ufsc.br

H Marcondes, AA Fröhlich - Proceedings of the 17th IFAC World ..., 2008 - lisha.ufsc.br

... enable_interrupts(): void + disable_interrupts(): void + **halt**(): void ... queue control module implements the scheduler's process list as a joint list of ready and **suspended** processes, thus ...

the call-back mechanism being triggered by software when the service is finished (ie **thread** exit ...

Cited by 4 Related articles View as HTML All 4 versions Import into BibTeX

Queued locks using monitor-memory wait

P Hammarlund, JB Crossland, A Aggarwal... - US Patent ..., 2009 - Google Patents

... WAIT OPCODE IN **THREAD** 1 (UNMASK MONITOR BREAK **EVENTS**) **SUSPEND** FURTHER

T1 ... 6) 555 RE-PARTITION 1560 RESOURCES **RESUME**/CONTINUE **THREAD** 1 ik365 510 ...

MONITOR ADDRESS SET MONITOR **EVENT** PENDING INDICATOR I **HALT** MONITOR 730 ...

Related articles All 4 versions Import into BibTeX

[PDF] Featherweight Threads for Communication

[PDF] from purdue.edu

KC Sivaramakrishnan, I. Ziarek, S. Jagannathan - 2011 - docs.lib.purdue.edu

... This reserved space is key to quickly resuming **suspended** parasites. ... ReturnState+HaltState

(e,r,k,~k) ControlState = Exp×Env×Cont×Cont (~k) ReturnState = Cont **halt**(v) HaltState ...

Figure 6: Domains for the CEK machines extended with **threads** and parasites. ...

Import into BibTeX

Model checking java programs using java pathfinder

[PDF] from psu.edu

K Havelund, T Pressburger - International Journal on Software Tools for ..., 2006 - Springer

... are translated by inlining the method bodies), strings, floating point numbers, some **thread** op-

erations like **suspend** and **resume** ... for (int i = 0; i < 6; i++) { AttrData ad = new AttrData(i,i!);

buffer.put(ad); yield(); }; buffer.**halt**(); } } class Consumer extends **Thread** { private Buffer buffer ...

Cited by 617 Related articles All 30 versions Import into BibTeX

Saving and restoring controller state and context in an open operating system

S Govindaraj, SL Urdaneta, SM Cislser... - US Patent ..., 2005 - Google Patents

... flow diagram illustrating a method to save controller state and context during a **suspend** in an ...

flow diagram illustrating a method to restore controller state and context during a **resume** in an ...

medium in an industrial controller may reside within a process and/or **thread** of execution ...

Cited by 12 Related articles All 2 versions Import into BibTeX

Method and apparatus for scheduling multiple **threads** for execution in a shared microprocessor pipeline

K Angaran, HM Su - US Patent App. 11/015,055, 2004 - Google Patents

... **Thread** prioritization may also account for **threads** that have been **suspended** (ie, idled or **halted**). ...

a method and apparatus provide for scheduling of multiple **threads** for execution on a shared

processor pipeline or device by maintaining one or more **thread** status registers and ...

Cited by 17 Related articles All 2 versions Import into BibTeX

Critical adapter local error handling

RF Bartal, JW Dostader, LR Lundin, DS Moyer... - US Patent ..., 2006 - Google Patents

... DMA) operations between the 3Q affected adapter and the node RAM memory are **halted** to

prevent ... Level Interrupt Handler 120 causes protocols 170 running on the local node to be

suspended. ... Once this is done, the adapter **thread** respawns the port **thread** when it receives its ...

Cited by 19 Related articles All 4 versions Import into BibTeX

A configurable and extensible transport protocol

[PDF] from utah.edu

GT Wong, MA Hiltunen... - ... 2001. Twentieth Annual ..., 2001 - ieeeexplore.ieee.org

... and with either blocking or non-blocking semantics on the **thread** raising the ... Other operations

are avail- able for unbinding handlers, creating and deleting **events**, **halt**- ing **event** ... The **SUSPEND**

TRANSMISSION and **RESUME TRANS- MISSION events** are used to control the ...

Cited by 85 Related articles BL Direct All 20 versions Import into BibTeX

The design of DAPTS: A dynamic debugger for multiprocessor real-time applications

FJA Gielen, M Timmerman - Real Time Systems, 1991. ..., 1991 - ieeeexplore.ieee.org

... Write) - Task control commands control the state of the target system (Start, Stop, **Resume**,

Suspend) - Management commands ... Eg The breakpoint mechanism must not **halt** the target ... single **threads** of program execution in a node memory areas for dynamic allocation of variable ...

Cited by 4 Related articles All 3 versions Import into BibTeX

Power management processor for computer systems having **suspend/resume** capability

DT Crump, ST Parcoast, IV Benson... - EP Patent ..., 2001 - freepatentsonline.com

... routines are discussed in the text below and include the **Suspend** Routine, the **Resume** Routine, the ... driver issues the **Suspend** Command, the APM BIOS Routing Routine calls the **Suspend** Routine. ... In the standby state 152 the BIOS issues a **HALT** instruction in response to the ...

Cited by 10 Related articles Cached Import into BibTeX

Threading in .NET

I Chapter - Springer

... **Suspend()** This method either suspends the **thread**, or if the **thread** is already **suspended**, has no effect. ToString() This method returns a String that represents the current object. ... Place a conditional break point in the worker **thread** that will **halt** execution when the Page 7. ...

Import into BibTeX

The reactive programming approach on top of Java/J2ME

JF Susini - Proceedings of the 4th International workshop on Java ..., 2006 - dl.acm.org

... a way to up- date the state of merge nodes when new **events** are gener- ated and make **suspended** instructions active ... **halt** stops a program forever. ... Those loops cannot terminate during the execution of one instant hogging the execution **thread** for ever and so making the ...

Cited by 3 Related articles All 2 versions Import into BibTeX

[book] Real-Time Java Programming: With Java RTS

EJ Bruno, G Sollella - 2009 - books.google.com

... AEH) Internal **Application Events** Bound Asynchronous **Event** Handlers Working with **Event** Fire Count Handling POSIX **Events** Specifying a Memory Area Time-Based **Events** One-Shot Timers Periodic Timers Chapter 9 Asynchronous Transfer of Control and **Thread** Termination ...

Cited by 26 Related articles Library Search All 4 versions Import into BibTeX

A new architecture for making highly scalable applications

[PDF] from arxiv.org

H Fitiš - Arxiv preprint cs/0409042, 2004 - arxiv.org

... However, if the operation affects, for example, his locomotion, the system of the person as surgeon will **halt**. ... power set of image I (4). The world of a client C that exe- cutes within the server **application** can be ... When committing is ready, the **suspended threads resume** execution. ...

Related articles All 3 versions Import into BibTeX

[PDF] Concurrent Programming with Fair **Threads** The LOFT Language (draft)

[PDF] from 138.96.0.43

F Bousinot - 2003 - 138.96.0.43

... 169 12.3.5 **Thread** Deallocation 173 12.8.2 **Suspend** 174 12.9.2 **Halt**

Related articles View as HTML All 3 versions Import into BibTeX

A programming model and system infrastructure for real-time synchronization in distributed multimedia systems

GS Blair, G Coulson, M Papathomas... - Selected Areas in ..., 1996 - ieeeexplore.ieee.org

... summarize, there is a need for an extended object model which allows **application** developers to ... languages and can exhibit an arbitrary level of internal concurrency (using **threads** plus semaphores ... by an overall quality of service as each invocation is a separate, isolated **event**. ...

Cited by 20 Related articles BL Direct All 3 versions Import into BibTeX

Symmetric multiprocessor operating system for execution on non-independent lightweight **thread** contexts

KD Kissell - US Patent 7,730,291, 2010 - Google Patents

... 1, 2010 (54) SYMMETRIC MULTIPROCESSOR OPERATING SYSTEM FOR EXECUTION ON

NON-INDEPENDENT LIGHTWEIGHT **THREAD** CONTEXTS (75) Inventor: Kevin ... 2006 (65) Prior Publication Data US 2007/0106989 A1 May 10, 2007 Related US **Application** Data (60 ... Cited by 3 Related articles All 5 versions Import into BibTeX

2nd USENIX Windows NT Symposium [Technical Program]

J Srojij, P Schuster, M Bach, Y Kuzmin - static.usenix.org

... development of a facility for process migration, whereby processes can be **halted** on one ... The checkpoint **thread** then resumes all **suspended threads** simultaneously before putting itself into a blocking ... For each wrapped API we save the call parameters, **thread** ID and any call ...

Related articles All 2 versions Import into BibTeX

[PDF] Modeling Reactive Systems in Java

[PDF] from psu.edu

J Martin, C Passerone, R Passerone, L Lavagno... - ACM Transactions on ..., 1998 - Citeseer

... their interconnections and provide an **event** driven communication scheme, with methods to **suspend** and **resume** a ... is thrown, and the try...catch clause (29-33) is **halted**, and the belt ... The PureSR alternative **thread** package gives us true independence of the **thread** mechanism ...

Related articles View as HTML All 8 versions Import into BibTeX

Lightweight asynchrony using parasitic threads

[PDF] from purdue.edu

KC Sivaramakrishnan, L Ziarek, R Prasad... - Proceedings of the 5th ..., 2010 - dl.acm.org

... Part 2 of the figure shows that **thread** T1 which hosts S1 continues execution by switching to a **suspended** (runnable) parasite Sm Once this occurs, the parasitic **thread** can **resume** its execution. ... Rule (**Halt Thread**) defines **thread** termination via a transi- tion to a **halt** state. ...

Cited by 5 Related articles All 4 versions Import into BibTeX

Virtual to physical memory address mapping within a system having a secure domain and a non-secure domain

SC Watt, CB Dorman, L Orion, N Chaussade... - US Patent ..., 2006 - Google Patents

... 29, 2004 (30) Foreign **Application** Priority Data Nov. 18, 2002 (GB) 0226906.6 Feb. ... Cl. G06F12/00 (2006.01) (52) US Cl 711/202; 711/203; 711/206; 711/207; 711/163 (58) Field of Classification Search None See **application** file for complete search history. ...

Cited by 10 Related articles All 4 versions Import into BibTeX

Vectored interrupt control within a system having a secure domain and a non-secure domain

SC Watt, CB Dorman, L Orion, N Chaussade... - US Patent ..., 2006 - Google Patents

... 17, 2003 (65) Prior Publication Data US 2005/0160210 A1 Jul. 21, 2005 (30) Foreign **Application** Priority Data Nov. ... Cl. G06F13/24 (2006.01) (52) US Cl 710/261; 711/162 (58) Field of Classification Search 710/260-269 See **application** file for complete search history. ...

Cited by 14 Related articles All 4 versions Import into BibTeX

System and method for activity or **event** based dynamic energy conserving server reconfiguration

HT Fung - US Patent 7,512,822, 2009 - Google Patents

... 31, 2009 (54) SYSTEM AND METHOD FOR ACTIVITY OR **EVENT** BASED DYNAMIC ENERGY ... 713/322 (58) Field of Classification Search 713/300-324 See **application** file for ... JL 416-1 CPU VOLTAGE GENERATOR/CONTROL UNIT 1 CPU CODE -**SUSPEND/RESUME** 406-1 ...

Cited by 22 Related articles All 4 versions Import into BibTeX

Silk and Taylor ED: open-source SML and silk for Java-based object-oriented simulation

[PDF] from informs-sim.org

RA Kilgore - Proceedings of the 33rd conference on Winter ..., 2001 - dl.acm.org

... of the Customer [14] and to invoke the activate method to **resume** the process ... for multi-threaded execution enables the various types of entity behaviors (**halt**, delay and ... in the background coordinates the management of simulated time and the resumption of **suspended threads**. ...

Cited by 7 Related articles BL Direct All 13 versions Import into BibTeX

The design of DARTS: A dynamic debugger for multiprocessor real-time applications

M Timmerman, FJA Gielen - Nuclear Science, IEEE ..., 1992 - IEEE Xplore

... Write) - Task control commands control the state of the target system (Start, Stop, **Resume**, **Suspend**) - Management commands ... Eg The breakpoint mechanism must not **halt** the target ... single **threads** of program execution in a node memory areas for dynamic allocation of variable ...

Cited by 4 Related articles All 5 versions Import into BibTeX

[PDF] Replay and distributed breakpoints in an OSF DCE environment

[PDF] from uwaterloo.ca

YM Yong - 1995 - jabber.uwaterloo.ca

... di erently by the operating-system scheduler on subsequent executions, again causing di erences in interactions of processes or **threads** in the **application**. ... breakpoint assertions are met. 9. **Halt: suspension** of process execution. 10. ...

Cited by 15 Related articles View as HTML Library Search All 8 versions Import into BibTeX

Systems and methods for CPU throttling utilizing processes

M Monasterio - US Patent 7,784,054, 2010 - Google Patents

... THE OBJECT 906 I LET OBJECT RUN FOR FIXED TIME 908—^ I **SUSPEND** OBJECT FOR VARIABLE TIME 910—^ I **RESUME** OBJECT -920 INCREASE ... One advantage associated with **suspension** of an entire process, in contrast with **suspension** of a single **thread** (or fewer ...

Related articles All 5 versions Import into BibTeX

Symmetric multiprocessor operating system for execution on non-independent lightweight **thread** contexts

KD Kissell - US Patent 7,725,697, 2010 - Google Patents

... May 25,2010 (60) (54) SYMMETRIC MULTIPROCESSOR OPERATING SYSTEM FOR EXECUTION ON NON-INDEPENDENT LIGHTWEIGHT **THREAD** CONTEXTS (75 ... 2006 (65) Prior Publication Data US 2007/0106988 A1 May 10, 2007 Related US **Application** Data Division of ...

Cited by 2 Related articles All 6 versions Import into BibTeX

Symmetric multiprocessor operating system for execution on non-independent lightweight **thread** contexts

KD Kissell - US Patent 7,418,586, 2008 - Google Patents

... 26,2008 (54) SYMMETRIC MULTIPROCESSOR OPERATING SYSTEM FOR EXECUTION ON NON-INDEPENDENT LIGHTWEIGHT **THREAD** CONTEXTS (75) Inventor: Kevin D Kissell, Le Bar sur ... 22, 2007 Related US **Application** Data (63) Continuation-in-part of **application** No ...

Cited by 2 Related articles All 4 versions Import into BibTeX

[book] Concurrent and real-time programming in Java

[PDF] from sk-world.info

AJ Wellings - 2004 - books.google.com

... 11.8 Asynchronous **Events** with Parameters 238 11.9 Understanding Asynchronous **Event** Handlers 239 ... 254 12.4 Monitoring Deadline Misses in Periodic Real-time **Threads** 258 12.5 Summary 260 13 Asynchronous Transfer of Control 263 13.1 **Application** Requirements for ...

Cited by 139 Related articles Library Search All 5 versions Import into BibTeX

[PDF] A Hybrid Approach to Real- Time Synchronisation in Distributed Multimedia Systems

[PDF] from psu.edu

GS Blair, G Coulson, M Papathomas, P Robin... - ... Research Group Report ..., 1994 - Citeseer

... languages and can exhibit an arbitrary level of internal concurrency (using **threads** plus semaphores ... When the presentation comes to an end, the **application** loops back to the menu ... The user can temporarily **suspend/resume** the diaporama phase with a toggle key with values ...

Cited by 3 Related articles View as HTML All 2 versions Import into BibTeX

Debugging techniques in a multithreaded environment

GA Alverson, BJ Smith, LS Kaplan... - US Patent ..., 2002 - Google Patents

... Domain State 102, Interconnection Network & Memory Debugger 310 < > Nub Debugger Internals Interface 315 Processor User **Application** Program User ... 545 Notify target **thread** to execute 547 Wait for notification that execution of a target **thread** has **halted** 565 Evaluate ...

Cited by 56 Related articles All 2 versions Import into BibTeX

System and method of computer operating mode clock control for power consumption reduction

HTS Fung - US Patent 6,584,571, 2003 - Google Patents

... Power supply 9 is of a conventional type **SUSPEND** state, is entered after sensing inactivity by the which supplies a low ... adapted to control the computer system and to During periods of inactivity, power consumption is control operations during **application** program execution ...

Cited by 36 Related articles All 2 versions Import into BibTeX

[PDF] A survey of peer-to-peer network simulators

[PDF] from stephennaicken.com

S.Naicken, A.Basu, B.Livingston... - Proceedings of The ..., 2006 - stephennaicken.com

... of nodes running a particular protocol to be created and then put, get, **suspend**, **resume** and status ... is in a running state, the properties can not be modified, but it is possible to **halt**, restart and ... these limits were hit, the JVM reported that it could not create any more native **threads**. ...

Cited by 73 Related articles View as HTML All 15 versions Import into BibTeX

System and method for handling **threads** of execution

JM Kutcher - US Patent 6,711,739, 2004 - Google Patents

... In another instance, if a **thread's suspend**() method is invoked, execu- tion of the **thread** will be discontinued until its **resume**() method is called. A **thread** may also be in the not-runnable. ... The stop() method is not constrained to **halt** execution of the **thread** at any particular 15 ...

Cited by 16 Related articles All 2 versions Import into BibTeX

Exception handling control in a secure processing system

SC Watt, CB Dornan, L Orion, N Chaussade... - US Patent ..., 2008 - Google Patents

... Field of Classification Search 710/269, 710/261; 726/26,30,21; 713/193,166; 712/244; 711/162

See **application** file for ... NON SECURE **THREAD** 1 USER MODE © t _ SMI © END OF **THREAD** IRQ HANDLER/ SCHEDULER IRQ MODE © **EVENTS** SECURE SECURE ...

Cited by 2 Related articles All 4 versions Import into BibTeX

[PDF] Object instrumentation for distributed applications management

[PDF] from psu.edu

A.Schade, P.Trommler, M.Kaiserswerth - Proceedings of the IFIP/IEEE ..., 1996 - Citeseer

... Some operations cannot always be performed immediately.**Halt**, for example, may only be executed until the **application** has ... object interface and provides for **suspend/resume** operations ... Its purpose is to start the management **thread** and to register the object in the management ...

Cited by 23 Related articles View as HTML All 10 versions Import into BibTeX

Access control in a data processing apparatus

AD Tune, PJ Aldworth, SC Watt, L Belhel... - US Patent ..., 2006 - Google Patents

... Cl. G06F12/00 (2006.01) (52) US Cl 711/163; 711/2; 711/217; 711/218 (58) Field of Classification

Search None See **application** file for complete search history. ... **THREAD** 1 USER MODE SMI SMI. END OF **THREAD** IRQ HANDLER IRQ MODE SUBS **EVENTS** IRQ SECURE ...

Cited by 8 Related articles All 4 versions Import into BibTeX

Slingshot: Deploying stateful services in wireless hotspots

[HTML] from unix.org

YY.Su, J.Filip - Proceedings of the 3rd international conference on ..., 2005 - dl.acm.org

... we use the Fauxide and Vulpes modules developed by Intel Research's Internet **Suspend/Resume** (ISR) project ... user terminates the **application**, the client proxy tells the director to **halt** the replica. ... The client proxy spawns a **thread** for each replica; the **thread** sends logged **events** ...

Cited by 49 Related articles All 27 versions Import into BibTeX

Process-algebraic interpretation of AADL models

[PDF] from upenn.edu

O.Sokolosky, I.Lee, D.Clarke - Reliable Software Technologies--Ada- ..., 2009 - Springer

... **Application** components include **threads** and systems. **Threads** are units of execution. A **thread** can be **halted**, inactive, or active. ... resource return performing **thread** computation awaiting awaiting resource block on unblock return **suspended** awaiting dispatch running ready ...

Cited by 7 Related articles All 7 versions Import into BibTeX

Light weight concurrency in OCaml: continuations, monads, **events**, and friends

[PDF] from archives-ouvertes.fr

O Deluze - 2010 - hal.archives-ouvertes.fr

... 4.2 callcc Source code in Section A.2 page 18 Since we want to be able to **suspend** a running **thread** and activate it again later we need some way to save the current **thread** state, or rather continuation. ... val skip : unit **thread** val yield : unit → unit **thread** val **halt** : unit → unit ...

Related articles All 4 versions Import into BibTeX

An on-the-fly mark and sweep garbage collector based on sliding views

[PDF] from psu.edu

H Azatchi, Y Levanoni, H Paz, E Petrank - ACM SIGPLAN Notices, 2003 - dl.acm.org

... a concurrent collector that requires a synchroniza- tion point in which all mutators are **halted** together to ... mean longer pauses, especially for operating systems that do not support an efficient **suspension** of all ... At the same stop, their roots are being marked and all **threads resume**. ...

Cited by 64 Related articles BL Direct All 16 versions Import into BibTeX

Implementation and evaluation of real-time java **threads**

[PS] from keio.ac.jp

A Miyoshi, T Kitayama, H Tokuda - Real-Time Systems ..., 1997 - ieeeexplore.ieee.org

... Java **thread** has a method called sleep(t) where a running **thread** will **suspend** at least ... acquires the lock asso- ciated with the specified object and ensure that no other **thread** is executing ... In many UNIX sys- tems, the action of moving one window can dom- inate or **halt** all other ...

Cited by 29 Related articles All 7 versions Import into BibTeX

Symmetric multiprocessor operating system for execution on non-independent lightweight **thread** contexts

KD Kissell - US Patent 7,676,664, 2010 - Google Patents

... 54) (75) (73) (51) (52) SYMMETRIC MULTIPROCESSOR OPERATING SYSTEM FOR EXECUTION ON NON-INDEPENDENT LIGHTWEIGHT **THREAD** CONTEXTS Inventor ... 23, 2006 (65) Prior Publication Data US 2007/0106990 A1 May 10, 2007 Related US **Application** Data (60 ...

Cited by 2 Related articles All 6 versions Import into BibTeX

[PDF] Cloning L4 Linux

[PDF] from psu.edu

S Sumpf - 2007 - Citeseer

... Additionally, all L4Linux **threads** are tricked into **suspension** code, causing the whole operating system to cease operation, resulting in a consistent frozen image at the ... The last running L4Linux **thread** sends its resumption address to the Nomadic OS system. **Resume** operation ...


Related articles View as HTML All 2 versions Import into BibTeX

Diagnostic data capture control for multi-domain processors

L Orino, DH Mansell - US Patent App. 10/714,178, 2003 - Google Patents

... **THREAD** IRQ HANDLER IRQ MODE © © SMI © SUBS SECURE **EVENTS** SIRQ SECURE WORLD ENTRY / EXIT MONITOR MODE SECURE SECURE IRQ © JO SUBS **THREAD** 1 USER MODE HANDLER IRQ MODE © SMI FIG. 13B Page 12. Patent **Application** Publication Sep ...

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